

L Number	Hits	Search Text	DB	Time stamp
317	398	socket with (lga bga) with package	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/23 15:54
318	95	(socket with (lga bga) with package ) and (ground power)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/23 15:54
319	79	((socket with (lga bga) with package ) and (ground power)) and pin	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/23 16:04
320	16	((socket with (lga bga) with package ) and (ground power)) not (((socket with (lga bga) with package ) and (ground power)) and pin)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/23 16:05
321	9	"5940679"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/23 16:05
322	118	"5006792"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/23 16:05
323	14	"6064217"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/23 16:06
324	139	"5940679" "5006792" "6064217"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/23 16:06
325	137	("5940679" "5006792" "6064217") not ((socket with (lga bga) with package ) and (ground power))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/23 16:06

L Number	Hits	Search Text	DB	Time stamp
1	40	(US-6064214-\$ or US-6407566-\$ or US-5859538-\$ or US-4919623-\$ or US-4699593-\$ or US-4630172-\$ or US-4684184-\$ or US-6400577-\$ or US-5578870-\$ or US-6222139-\$ or US-5528466-\$ or US-H000013-\$ or US-5259771-\$ or US-6020635-\$ or US-6313530-\$ or US-6392891-\$ or US-5194020-\$ or US-5203710-\$ or US-5161983-\$ or US-6196849-\$ or US-6164980-\$ or US-5499929-\$ or US-5653600-\$ or US-5290193-\$ or US-5713744-\$ or US-5702256-\$).did. or (US-5221209-\$ or US-5215472-\$ or US-6375476-\$ or US-6325280-\$ or US-6256202-\$ or US-6213787-\$ or US-6358063-\$ or US-6206705-\$ or US-5646542-\$ or US-6007348-\$ or US-5917703-\$ or US-5896037-\$ or US-5887344-\$).did. or (US-20020009905-\$).did.	USPAT; US-PGPUB	2003/01/25 09:07
8	12	5859538.URPN.	USPAT	2003/01/25 09:15
9	6	("5532612"   "5537051"   "5548223"   "5570033"   "5641297"   "5645433").PN.	USPAT	2003/01/25 09:19
34	1	6020635.URPN.	USPAT	2003/01/25 09:22
35	1	6325280.URPN.	USPAT	2003/01/25 09:23
36	44	("2740075"   "3989331"   "4037270"   "4251852"   "4396935"   "4442938"   "4519658"   "4767344"   "4843313"   "4854882"   "4893172"   "4897918"   "4916523"   "4949455"   "5006792"   "5031025"   "5055914"   "5061984"   "5073117"   "5086337"   "5088190"   "5140405"   "5237203"   "5258330"   "5258648"   "5293067"   "5302853"   "5303466"   "5380212"   "5389819"   "5398863"   "5427535"   "5479319"   "5561594"   "5562462"   "5593322"   "5669774"   "5742481"   "5777852"   "5825630"   "5877554"   "5917703"   "5950072"   "6020635").PN.	USPAT	2003/01/25 09:23
39	44	("2740075"   "3989331"   "4037270"   "4251852"   "4396935"   "4442938"   "4519658"   "4767344"   "4843313"   "4854882"   "4893172"   "4897918"   "4916523"   "4949455"   "5006792"   "5031025"   "5055914"   "5061984"   "5073117"   "5086337"   "5088190"   "5140405"   "5237203"   "5258330"   "5258648"   "5293067"   "5302853"   "5303466"   "5380212"   "5389819"   "5398863"   "5427535"   "5479319"   "5561594"   "5562462"   "5593322"   "5669774"   "5742481"   "5777852"   "5825630"   "5877554"   "5917703"   "5950072"   "6020635").PN.	USPAT	2003/01/25 09:23
42	6	5877554.URPN.	USPAT	2003/01/25 09:27
45	9	("4616895"   "4750890"   "5227718"   "5420519"   "5451165"   "5545050"   "5576631"   "5646447"   "5647756").PN.	USPAT	2003/01/25 09:27
46	7	5742481.URPN.	USPAT	2003/01/25 09:29

47	36	("3097360"   "3545606"   "3892313"   "4074342"   "4099615"   "4373778"   "4442938"   "4514784"   "4595794"   "4620757"   "4645278"   "4645287"   "4678250"   "4693528"   "4750092"   "4838801"   "4939624"   "5034855"   "5135890"   "5144412"   "5145386"   "5168432"   "5174764"   "5184285"   "5188536"   "5199884"   "5215472"   "5242311"   "5277597"   "5336118"   "5373984"   "5400220"   "5452183"   "5515241"   "5537295"   "5538433").PN.	USPAT	2003/01/25 09:30
53	10	("4616895"   "4750890"   "5227718"   "5420519"   "5451165"   "5545050"   "5576631"   "5646447"   "5647756"   "5877554").PN.	USPAT	2003/01/25 09:36
80	29	5215472.URPN.	USPAT	2003/01/25 09:38
81	14	("Re32370"   "4220383"   "4354720"   "4511196"   "4513353"   "4636026"   "4838801"   "4906194"   "4918513"   "4929194"   "4961709"   "5066245"   "5073116"   "5127837").PN.	USPAT	2003/01/25 09:41
88	19	("4037270"   "4396935"   "4519658"   "4843313"   "4897918"   "4916523"   "5031025"   "5055914"   "5088190"   "5237203"   "5302853"   "5303466"   "5329426"   "5389819"   "5422790"   "5734555"   "5790379"   "5877554"   "6021045").PN.	USPAT	2003/01/25 09:42
111	1055	socket and (lga bga) and package	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/25 11:04
112	4876	socket nearl assembly	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/25 11:05
113	5846	(socket and (lga bga) and package) (socket nearl assembly)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/25 11:05
114	1300	((socket and (lga bga) and package) (socket nearl assembly)) and (bump ball) and pin	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/25 11:06
115	1402	((socket and (lga bga) and package) (socket nearl assembly)) and (bump ball) and (pin post)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/25 11:54
116	525	((socket and (lga bga) and package) (socket nearl assembly)) and (bump ball) and (pin post)) and (pcb (printed adj circuit adj board))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/25 11:07
117	170	((socket and (lga bga) and package) (socket nearl assembly)) and (bump ball) and (pin post)) and (pcb (printed adj circuit adj board))) and housing	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/25 11:07
118	109	((socket and (lga bga) and package) (socket nearl assembly)) and (bump ball) and (pin post)) and (pcb (printed adj circuit adj board))) and housing) and (power ground grounding)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/25 11:54
119	6	("5880930"   "5919050"   "6043983"   "6061235"   "6155860"   "6198630").PN.	USPAT	2003/01/25 11:14
120	0	6097086.URPN.	USPAT	2003/01/25 11:25

121	57	("3326726"   "3337838"   "3366915"   "3444506"   "3848221"   "4274700"   "4487463"   "4530002"   "4572604"   "4616406"   "4654472"   "4655526"   "4667220"   "4698663"   "4724472"   "4734042"   "4897055"   "4943846"   "4959750"   "4975066"   "4997376"   "5015207"   "5037311"   "5071363"   "5081563"   "5106461"   "5110760"   "5117069"   "5123164"   "5137456"   "5200357"   "5281151"   "5309024"   "5326936"   "5330372"   "5334279"   "5342999"   "5351393"   "5371404"   "5376825"   "5390412"   "5418471"   "5508556"   "5536362"   "5569955"   "5575688"   "5578870"   "5593322"   "5611884"   "5634821"   "5639247"   "5641309"   "5645433"   "5646442"   "5702255"   "5824950"   "5854512") .PN.	USPAT	2003/01/25 11:25
126	57	("3326726"   "3337838"   "3366915"   "3444506"   "3848221"   "4274700"   "4487463"   "4530002"   "4572604"   "4616406"   "4654472"   "4655526"   "4667220"   "4698663"   "4724472"   "4734042"   "4897055"   "4943846"   "4959750"   "4975066"   "4997376"   "5015207"   "5037311"   "5071363"   "5081563"   "5106461"   "5110760"   "5117069"   "5123164"   "5137456"   "5200357"   "5281151"   "5309024"   "5326936"   "5330372"   "5334279"   "5342999"   "5351393"   "5371404"   "5376825"   "5390412"   "5418471"   "5508556"   "5536362"   "5569955"   "5575688"   "5578870"   "5593322"   "5611884"   "5634821"   "5639247"   "5641309"   "5645433"   "5646442"   "5702255"   "5824950"   "5854512") .PN.	USPAT	2003/01/25 11:33
127	6	"5696022"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/25 11:39
128	21	"5541449"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/25 11:52
130	46	(US-6064214-\$ or US-6407566-\$ or US-5859538-\$ or US-4919623-\$ or US-4699593-\$ or US-4630172-\$ or US-4684184-\$ or US-6400577-\$ or US-5578870-\$ or US-6222139-\$ or US-5528466-\$ or US-H000013-\$ or US-5259771-\$ or US-6020635-\$ or US-6313530-\$ or US-6392891-\$ or US-5194020-\$ or US-5203710-\$ or US-5161983-\$ or US-6196849-\$ or US-6164980-\$ or US-5499929-\$ or US-5653600-\$ or US-5290193-\$ or US-5713744-\$ or US-5702256-\$).did. or (US-5221209-\$ or US-5215472-\$ or US-6375476-\$ or US-6325280-\$ or US-6256202-\$ or US-6213787-\$ or US-6358063-\$ or US-6206705-\$ or US-5646542-\$ or US-6007348-\$ or US-5917703-\$ or US-5896037-\$ or US-5887344-\$ or US-6394820-\$ or US-5877554-\$ or US-5742481-\$ or US-6181149-\$ or US-6097086-\$ or US-5702255-\$).did. or (US-20020009905-\$).did.	USPAT; US-PGPUB	2003/01/25 11:39

129	27	"5696022" "5541449"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/25 11:39
131	12	5541449.URPN.	USPAT	2003/01/25 11:43
132	14	("5084753"   "5248903"   "5257166"   "5269452"   "5328079"   "5420460"   "5444298"   "5468999"   "5485037"   "5491362"   "5496967"   "5512765"   "5541449"   "5561592").PN.	USPAT	2003/01/25 11:43
133	32	("3337838"   "3366915"   "3444506"   "3848221"   "4572604"   "4616406"   "4654472"   "4655526"   "4698663"   "4734042"   "4897055"   "4943846"   "4959750"   "4975066"   "4997376"   "5015207"   "5037311"   "5071363"   "5081563"   "5117069"   "5123164"   "5137456"   "5281151"   "5309024"   "5326936"   "5330372"   "5334279"   "5342999"   "5351393"   "5371404"   "5376825"   "5390412").PN.	USPAT	2003/01/25 11:43
140	0	5541449.pn and (power ground)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/25 11:53
141	1	5541449.pn. and (power ground)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/25 11:53
142	3241	((socket and (lga bga) and package) (socket nearl assembly)) and (pin post)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/25 11:54
143	175	((socket and (lga bga) and package) (socket nearl assembly)) and (pin post)) and ((power ground grounding) nearl (ring land grid plane))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/25 11:56
144	133	((socket and (lga bga) and package) (socket nearl assembly)) and (pin post)) and ((power ground grounding) nearl (ring land grid plane))) not ((((((socket and (lga bga) and package) (socket nearl assembly)) and (bump ball) and (pin post)) and (pcb (printed adj circuit adj board))) and housing) and (power ground grounding))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/25 11:56

145	126	(((((socket and (lga bga) and package) (socket nearl assembly)) and (pin post)) and ((power ground grounding) nearl (ring land grid plane))) not (((((socket and (lga bga) and package) (socket nearl assembly)) and (bump ball) and (pin post)) and (pcb (printed adj circuit adj board))) and housing) and (power ground grounding))) not ((US-6064214-\$ or US-6407566-\$ or US-5859538-\$ or US-4919623-\$ or US-4699593-\$ or US-4630172-\$ or US-4684184-\$ or US-6400577-\$ or US-5578870-\$ or US-6222139-\$ or US-5528466-\$ or US-H000013-\$ or US-5259771-\$ or US-6020635-\$ or US-6313530-\$ or US-6392891-\$ or US-5194020-\$ or US-5203710-\$ or US-5161983-\$ or US-6196849-\$ or US-6164980-\$ or US-5499929-\$ or US-5653600-\$ or US-5290193-\$ or US-5713744-\$ or US-5702256-\$).did. or (US-5221209-\$ or US-5215472-\$ or US-6375476-\$ or US-6325280-\$ or US-6256202-\$ or US-6213787-\$ or US-6358063-\$ or US-6206705-\$ or US-5646542-\$ or US-6007348-\$ or US-5917703-\$ or US-5896037-\$ or US-5887344-\$).did. or (US-20020009905-\$).did.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/25 11:57
146	0	6441453.URPN.	USPAT	2003/01/25 12:01
147	4	("4112308"   "5223746"   "5289002"   "6130448").PN.	USPAT	2003/01/25 12:01
148	7	5483099.URPN.	USPAT	2003/01/25 12:06
149	5	("4381458"   "4631572"   "4954877"   "4972253"   "5309024").PN.	USPAT	2003/01/25 12:07
150	0	6020635.pn. and (ground power)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/25 12:11

L Number	Hits	Search Text	DB	Time stamp
36	72	(US-6400034-\$ or US-6114769-\$ or US-5930889-\$ or US-5796590-\$ or US-5892288-\$ or US-6175159-\$ or US-5982635-\$ or US-5953214-\$ or US-5671121-\$ or US-5613033-\$ or US-5373110-\$ or US-6370770-\$ or US-6312266-\$ or US-6304450-\$ or US-6264476-\$ or US-6208515-\$ or US-6262477-\$ or US-6229207-\$ or US-6148900-\$ or US-6074219-\$ or US-5833472-\$ or US-5291062-\$ or US-5144412-\$ or US-5006922-\$ or US-4866841-\$ or US-4965227-\$).did. or (US-6469909-\$ or US-6394820-\$ or US-5745346-\$ or US-5413489-\$ or US-5163837-\$ or US-5531329-\$ or US-5819406-\$ or US-5810607-\$ or US-5742481-\$ or US-5730620-\$ or US-5473510-\$ or US-5397919-\$ or US-5129833-\$ or US-5168432-\$ or US-5460531-\$ or US-5713744-\$ or US-4340266-\$ or US-4437718-\$ or US-4832612-\$ or US-6300578-\$ or US-4765471-\$ or US-6294837-\$ or US-6354844-\$ or US-6162997-\$ or US-5962922-\$ or US-5783865-\$ or US-5656798-\$).did. or (US-5060844-\$ or US-4914814-\$ or US-6444924-\$ or US-6259039-\$ or US-6229101-\$ or US-6100475-\$ or US-5275330-\$ or US-5191511-\$ or US-4338621-\$ or US-5485039-\$ or US-4987478-\$ or US-6187652-\$ or US-5558271-\$ or US-5923535-\$ or US-5435732-\$ or US-5479703-\$ or US-6199273-\$ or US-6049039-\$).did. or (US-20020043980-\$).did.	USPAT; US-PGPUB	2003/01/26 13:39
37	33	"5508556"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/26 14:06
38	34	"5708567"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/26 14:06
39	4	"5930547"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/26 14:06
40	13	"5730620"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/26 14:06
41	24	"5475264"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/26 14:06

42	178	((US-6400034-\$ or US-6114769-\$ or US-5930889-\$ or US-5796590-\$ or US-5892288-\$ or US-6175159-\$ or US-5982635-\$ or US-5953214-\$ or US-5671121-\$ or US-5613033-\$ or US-5373110-\$ or US-6370770-\$ or US-6312266-\$ or US-6304450-\$ or US-6264476-\$ or US-6208515-\$ or US-6262477-\$ or US-6229207-\$ or US-6148900-\$ or US-6074219-\$ or US-5833472-\$ or US-5291062-\$ or US-5144412-\$ or US-5006922-\$ or US-4866841-\$ or US-4965227-\$).did. or (US-6469909-\$ or US-6394820-\$ or US-5745346-\$ or US-5413489-\$ or US-5163837-\$ or US-5531329-\$ or US-5819406-\$ or US-5810607-\$ or US-5742481-\$ or US-5730620-\$ or US-5473510-\$ or US-5397919-\$ or US-5129833-\$ or US-5168432-\$ or US-5460531-\$ or US-5713744-\$ or US-4340266-\$ or US-4437718-\$ or US-4832612-\$ or US-6300578-\$ or US-4765471-\$ or US-6294837-\$ or US-6354844-\$ or US-6162997-\$ or US-5962922-\$ or US-5783865-\$ or US-5656798-\$).did. or (US-5060844-\$ or US-4914814-\$ or US-6444924-\$ or US-6259039-\$ or US-6229101-\$ or US-6100475-\$ or US-5275330-\$ or US-5191511-\$ or US-4338621-\$ or US-5485039-\$ or US-4987478-\$ or US-6187652-\$ or US-5558271-\$ or US-5923535-\$ or US-5435732-\$ or US-5479703-\$ or US-6199273-\$ or US-6049039-\$).did. or (US-20020043980-\$).did.) "5508556" "5708567" "5930547" "5730620" "5475264"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/26 14:06
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43	92	((US-6400034-\$ or US-6114769-\$ or US-5930889-\$ or US-5796590-\$ or US-5892288-\$ or US-6175159-\$ or US-5982635-\$ or US-5953214-\$ or US-5671121-\$ or US-5613033-\$ or US-5373110-\$ or US-6370770-\$ or US-6312266-\$ or US-6304450-\$ or US-6264476-\$ or US-6208515-\$ or US-6262477-\$ or US-6229207-\$ or US-6148900-\$ or US-6074219-\$ or US-5833472-\$ or US-5291062-\$ or US-5144412-\$ or US-5006922-\$ or US-4866841-\$ or US-4965227-\$).did. or (US-6469909-\$ or US-6394820-\$ or US-5745346-\$ or US-5413489-\$ or US-5163837-\$ or US-5531329-\$ or US-5819406-\$ or US-5810607-\$ or US-5742481-\$ or US-5730620-\$ or US-5473510-\$ or US-5397919-\$ or US-5129833-\$ or US-5168432-\$ or US-5460531-\$ or US-5713744-\$ or US-4340266-\$ or US-4437718-\$ or US-4832612-\$ or US-6300578-\$ or US-4765471-\$ or US-6294837-\$ or US-6354844-\$ or US-6162997-\$ or US-5962922-\$ or US-5783865-\$ or US-5656798-\$).did. or (US-5060844-\$ or US-4914814-\$ or US-6444924-\$ or US-6259039-\$ or US-6229101-\$ or US-6100475-\$ or US-5275330-\$ or US-5191511-\$ or US-4338621-\$ or US-5485039-\$ or US-4987478-\$ or US-6187652-\$ or US-5558271-\$ or US-5923535-\$ or US-5435732-\$ or US-5479703-\$ or US-6199273-\$ or US-6049039-\$).did. or (US-20020043980-\$).did.) "5508556" "5708567" "5930547" "5730620" "5475264") and (grounding ground power)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/26 15:47
44	16	("4164003"   "4314225"   "4340266"   "4437718"   "4832612"   "5018005"   "5163837"   "5413489"   "5479110"   "5531329"   "5742484"   "5745346"   "5864470"   "5969259"   "6093576"   "6225692").PN.	USPAT	2003/01/26 14:08
45	31	5508556.URPN.	USPAT	2003/01/26 14:50
46	0	6448639.URPN.	USPAT	2003/01/26 14:51
47	21	("5220490"   "5410107"   "5508556"   "5801440"   "5818102"   "5841191"   "5864470"   "5866942"   "5894410"   "5903050"   "5982632"   "6034427"   "6037677"   "6057596"   "6104258"   "6137168"   "6198635"   "6214638"   "6268238"   "6274925"   "6278264"   "2001/0008305").PN.	USPAT	2003/01/26 14:51
48	7	6057596.URPN.	USPAT	2003/01/26 14:52
49	5	("4746966"   "5632631"   "5641988"   "5796169"   "5895968").PN.	USPAT	2003/01/26 14:53
50	7	5641988.URPN.	USPAT	2003/01/26 14:54
51	3	6225702.URPN.	USPAT	2003/01/26 14:55
52	14	("5483099"   "5490040"   "5502278"   "5545923"   "5554881"   "5640048"   "5641988"   "5691568"   "5714801"   "5717245"   "5719439"   "5719449"   "5796170"   "5955789").PN.	USPAT	2003/01/26 14:55
53	6	5955789.URPN.	USPAT	2003/01/26 14:56
54	4	("5355283"   "5583378"   "5717245"   "5796170").PN.	USPAT	2003/01/26 14:56
55	4	("5355283"   "5583378"   "5717245"   "5796170").PN.	USPAT	2003/01/26 14:57
56	54	5640048.URPN.	USPAT	2003/01/26 15:01

57	1	6359341.URPN.	USPAT	2003/01/26 15:02
58	3	("5640048"   "5825628"   "6008534").PN.	USPAT	2003/01/26 15:03
59	22	5490040.URPN.	USPAT	2003/01/26 15:10
60	11	("3795845"   "3871014"   "3871015"   "4067104"   "4581680"   "4604644"   "4724472"   "4878611"   "5186383"   "5269453"   "5394009").PN.	USPAT	2003/01/26 15:11
61	7	5483099.URPN.	USPAT	2003/01/26 15:13
62	2	("5173767"   "5220489").PN.	USPAT	2003/01/26 15:15
63	1	6037677.URPN.	USPAT	2003/01/26 15:16
64	11	("4600970"   "5061989"   "5220490"   "5255156"   "5424492"   "5557505"   "5604330"   "5682297"   "5751554"   "5767575"   "5946552").PN.	USPAT	2003/01/26 15:16
65	1	5006922.pn. and (grounding ground power)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/26 15:46
66	9151	(pga (pin adj grid adj array))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/26 15:47
67	38	((US-6400034-\$ or US-6114769-\$ or US-5930889-\$ or US-5796590-\$ or US-5892288-\$ or US-6175159-\$ or US-5982635-\$ or US-5953214-\$ or US-5671121-\$ or US-5613033-\$ or US-5373110-\$ or US-6370770-\$ or US-6312266-\$ or US-6304450-\$ or US-6264476-\$ or US-6208515-\$ or US-6262477-\$ or US-6229207-\$ or US-6148900-\$ or US-6074219-\$ or US-5833472-\$ or US-5291062-\$ or US-5144412-\$ or US-5006922-\$ or US-4866841-\$ or US-4965227-\$).did. or (US-6469909-\$ or US-6394820-\$ or US-5745346-\$ or US-5413489-\$ or US-5163837-\$ or US-5531329-\$ or US-5819406-\$ or US-5810607-\$ or US-5742481-\$ or US-5730620-\$ or US-5473510-\$ or US-5397919-\$ or US-5129833-\$ or US-5168432-\$ or US-5460531-\$ or US-5713744-\$ or US-4340266-\$ or US-4437718-\$ or US-4832612-\$ or US-6300578-\$ or US-4765471-\$ or US-6294837-\$ or US-6354844-\$ or US-6162997-\$ or US-5962922-\$ or US-5783865-\$ or US-5656798-\$).did. or (US-5060844-\$ or US-4914814-\$ or US-6444924-\$ or US-6259039-\$ or US-6229101-\$ or US-6100475-\$ or US-5275330-\$ or US-5191511-\$ or US-4338621-\$ or US-5485039-\$ or US-4987478-\$ or US-6187652-\$ or US-5558271-\$ or US-5923535-\$ or US-5435732-\$ or US-5479703-\$ or US-6199273-\$ or US-6049039-\$).did. or (US-20020043980-\$).did.) "5508556" "5708567" "5930547" "5730620" "5475264") and ((ground power) near1 (plane layer ring))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/26 15:49
68	560	((pga (pin adj grid adj array))) and ((ground power) near1 (plane layer ring))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/26 15:50
69	496	((pga (pin adj grid adj array))) and ((ground power) near1 (plane layer ring))) and (vias (through adj hole))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/26 15:51

70	480	(((((pga (pin adj grid adj array))) and ((ground power) near1 (plane layer ring))) and (vias (through adj hole))) and pin	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/26 15:52
71	456	(((((pga (pin adj grid adj array))) and ((ground power) near1 (plane layer ring))) and (vias (through adj hole))) and pin) and (die chip semiconductor)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/26 15:53
72	425	(((((pga (pin adj grid adj array))) and ((ground power) near1 (plane layer ring))) and (vias (through adj hole))) and pin) and (die chip semiconductor)) and (base substrate pcb (printed adj circuit adj board))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/26 15:56
73	10195	(base substrate pcb (printed adj circuit adj board)) with (vias (through adj hole)) with pin	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/26 15:59
74	77	(((((pga (pin adj grid adj array))) and ((ground power) near1 (plane layer ring))) and ((base substrate pcb (printed adj circuit adj board)) with (vias (through adj hole)) with pin)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/26 15:59
75	1	6262477.URPN.	USPAT	2003/01/26 16:02
76	41	("2905873"   "4398208"   "4461924"   "4514752"   "4667219"   "4698663"   "4700473"   "4706811"   "4737395"   "4771159"   "4771537"   "4791075"   "4816426"   "4821151"   "4835598"   "4845313"   "4868638"   "4868639"   "4926241"   "4939316"   "4965227"   "4990720"   "5006922"   "5045914"   "5046971"   "5065228"   "5065281"   "5098864"   "5102829"   "5108955"   "5124884"   "5144412"   "5148265"   "5148266"   "5151771"   "5153379"   "5166772"   "5189261"   "5216278"   "5241133"   "5267684").PN.	USPAT USPAT	2003/01/26 16:02 2003/01/26 16:02
79	41	("2905873"   "4398208"   "4461924"   "4514752"   "4667219"   "4698663"   "4700473"   "4706811"   "4737395"   "4771159"   "4771537"   "4791075"   "4816426"   "4821151"   "4835598"   "4845313"   "4868638"   "4868639"   "4926241"   "4939316"   "4965227"   "4990720"   "5006922"   "5045914"   "5046971"   "5065228"   "5065281"   "5098864"   "5102829"   "5108955"   "5124884"   "5144412"   "5148265"   "5148266"   "5151771"   "5153379"   "5166772"   "5189261"   "5216278"   "5241133"   "5267684").PN.	USPAT	2003/01/26 16:06